Question-1

Pull an Image from docker hub and run it in docker playground

```
C:\Users\rosha>docker pull roshanazar03/hello
Using default tag: latest
latest: Pulling from roshanazar03/hello
3aa4d0bbde19: Pull complete
c376a57d6454: Pull complete
8cd06dad5f7e: Pull complete
ff1acb01f03d: Pull complete
d1b27ee782b5: Pull complete
16725dfb4ee1: Pull complete
b7e732bd25b7: Pull complete
1e70961f0b65: Pull complete
907a71a313a0: Pull complete
Digest: sha256:f7af7fbf030635ea9da0606985da00ef3422a221cf994d434c53138952646b0b
Status: Downloaded newer image for roshanazar03/hello:latest
docker.io/roshanazar03/hello:latest
```

```
C:\Users\rosha>docker run -p 5000:5000 -d roshanazar03/hello
f763588c252361a5ba95601e2d4bef20bc6fd88a66b18644897fe540cb321c1b
```

Question-2

Create a docker file for the jobportal application and deploy it in Docker desktop application.

Dockerfile

```
FROM python:3.10.8
WORKDIR /hello
COPY requirements.txt ./
RUN pip install -r requirements.txt
COPY . .
EXPOSE 5000
CMD ["python","./app.py"]
```

(venv) PS C:\Users\rosha\PycharmProjects\hello> docker image build -t hello .

Question -3

Create a IBM container registry and deploy helloworld app or jobportalapp


```
C:\Users\rosha>docker tag roshanazar03/hello jp.icr.io/hello03/helloworld:hello-world

C:\Users\rosha>docker push jp.icr.io/hello03/helloworld:hello-world
The push refers to repository [jp.icr.io/hello03/helloworld]
31e141cfbb7b: Pushed
3354a8f583a1: Pushed
b4aef4416d2e: Pushed
de0f64483452: Pushed
5a73e7de9c96: Pushed
b8cacc2e2c3b: Pushed
11e10081c87a: Pushed
d6cf9dabd86a: Pushed
ff768a1413ba: Pushed
hello-world: digest: sha256:f7af7fbf030635ea9da0606985da00ef3422a221cf994d434c53138952646b0b size: 2208
```